

NA

1643

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/449,204A

DATE: 03/14/2000
TIME: 16:31:28

Input Set: I449204A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

PR-4-5

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MAR 21 2003
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1 <110> APPLICANT: Sinicropi, Dominick V.
2 Williams, P. Mickey
3 Meng, Yu-Ju G.
4 Dodge, Anthony H.
5 Sims, Paul W.
6 Wong, Wei Lee Tan
7 <120> TITLE OF INVENTION: PCR ASSAY
8 <130> FILE REFERENCE: P1543R1
9 <140> CURRENT APPLICATION NUMBER: US/09/449,204A
10 <141> CURRENT FILING DATE: 1999-11-24
11 <150> EARLIER APPLICATION NUMBER: US 60/110,259
12 <151> EARLIER FILING DATE: 1998-11-30
13 <160> NUMBER OF SEQ ID NOS: 32
14 <210> SEQ ID NO 1
15 <211> LENGTH: 80
16 <212> TYPE: RNA
17 <213> ORGANISM: artificial sequence
18 <220> FEATURE:
19 <223> OTHER INFORMATION: Sequence source: synthetic
20 <400> SEQUENCE: 1
21 gggaaggau ccacauacuac gaauucuuug aagagggguca auccgcgcac 50
22 guuacguuca cugcagacuu gacgaagcuu 80
23 <210> SEQ ID NO 2
24 <211> LENGTH: 80
25 <212> TYPE: RNA
26 <213> ORGANISM: artificial sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Sequence source: synthetic
29 <400> SEQUENCE: 2
30 gggaaggau ccacauacuac gaauucggga acagcucua uccgcgcacg 50
31 uuugaguuca cugcagacuu gacgaagcuu 80
32 <210> SEQ ID NO 3
33 <211> LENGTH: 80
34 <212> TYPE: RNA
35 <213> ORGANISM: artificial sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Sequence source: synthetic
38 <400> SEQUENCE: 3
39 gggaaggau ccacauacuac gaauuccgcg cacguagguu ggguguaacu 50
40 gcguuguuca cugcagacuu gacgaagcuu 80
41 <210> SEQ ID NO 4
42 <211> LENGTH: 80
43 <212> TYPE: RNA
44 <213> ORGANISM: artificial sequence

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45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Sequence source: synthetic
 47 <400> SEQUENCE: 4
 48 gggaauggau ccacauacuac gaauuccgcg cacguagguu ggguguaacu 50
 49 gcguuguuca cugcagacuu gacgaagcuu 80
 50 <210> SEQ ID NO 5
 51 <211> LENGTH: 80
 52 <212> TYPE: RNA
 53 <213> ORGANISM: artificial sequence
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: Sequence source: synthetic
 56 <400> SEQUENCE: 5
 57 gggaauggau ccacauacuac gaauucaggu ggaaagcaag uuccgcgcac 50
 58 guuaauuua cugcagacuu gacgaagcuu 80
 59 <210> SEQ ID NO 6
 60 <211> LENGTH: 80
 61 <212> TYPE: RNA
 62 <213> ORGANISM: artificial sequence
 63 <220> FEATURE:
 64 <223> OTHER INFORMATION: Sequence source: synthetic
 65 <400> SEQUENCE: 6
 66 gggaauggau ccacauacuac gaauuccgcg cagcucacgg gccgacacga 50
 67 auaugguuca cugcagacuu gacgaagcuu 80
 68 <210> SEQ ID NO 7
 69 <211> LENGTH: 80
 70 <212> TYPE: RNA
 71 <213> ORGANISM: artificial sequence
 72 <220> FEATURE:
 73 <223> OTHER INFORMATION: Sequence source: synthetic
 74 <220> FEATURE:
 75 <221> NAME/KEY: unsure
 76 <222> LOCATION: 44, 47, 49
 77 <223> OTHER INFORMATION: unknown base
 78 <400> SEQUENCE: 7
 79 gggaauggau ccacauacuac gaauuccgcg cgcgcuuacc uugnggngna 50
 80 aguauguuca cugcagacuu gacgaagcuu 80
 81 <210> SEQ ID NO 8
 82 <211> LENGTH: 80
 83 <212> TYPE: RNA
 84 <213> ORGANISM: artificial sequence
 85 <220> FEATURE:
 86 <223> OTHER INFORMATION: Sequence source: synthetic
 87 <400> SEQUENCE: 8
 88 gggaauggau ccacauacuac gaauucggau auuccgcgca cgucauuuca 50
 89 ucagcuuua cugcagacuu gacgaagcuu 80
 90 <210> SEQ ID NO 9
 91 <211> LENGTH: 80
 92 <212> TYPE: RNA
 93 <213> ORGANISM: artificial sequence
 94 <220> FEATURE:

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/449,204ADATE: 03/14/2000
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Input Set: I449204A.RAW

95 <223> OTHER INFORMATION: Sequence source: synthetic
96 <400> SEQUENCE: 9
97 gggaauggau ccacauacuac gaauucaggc agcguagagg guucacucug 50
98 ccgaguuuca cugcagacuu gacgaagcuu 80
99 <210> SEQ ID NO 10
100 <211> LENGTH: 80
101 <212> TYPE: RNA
102 <213> ORGANISM: artificial sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Sequence source: synthetic
105 <400> SEQUENCE: 10
106 gggaauggau ccacauacuac gaauucgagg guccgucugc cgagucuugu 50
107 aacaccuuca cugcagacuu gacgaagcuu 80
108 <210> SEQ ID NO 11
109 <211> LENGTH: 80
110 <212> TYPE: RNA
111 <213> ORGANISM: artificial sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Sequence source: synthetic
114 <400> SEQUENCE: 11
115 gggaauggau ccacauacuac gaauucgaug gcguuagugg gaaugauucu 50
116 gccgaguuca cugcagacuu gacgaagcuu 80
117 <210> SEQ ID NO 12
118 <211> LENGTH: 80
119 <212> TYPE: RNA
120 <213> ORGANISM: artificial sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Sequence source: synthetic
123 <400> SEQUENCE: 12
124 gggaauggau ccacauacuac gaauuccguu cugccgagac ugcacgugug 50
125 cuugaauuca cugcagacuu gacgaagcuu 80
126 <210> SEQ ID NO 13
127 <211> LENGTH: 80
128 <212> TYPE: RNA
129 <213> ORGANISM: artificial sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Sequence source: synthetic
132 <400> SEQUENCE: 13
133 gggaauggau ccacauacuac gaauucugua agauuggucu ccagacugcc 50
134 gagcuguuca cugcagacuu gacgaagcuu 80
135 <210> SEQ ID NO 14
136 <211> LENGTH: 77
137 <212> TYPE: DNA
138 <213> ORGANISM: artificial sequence
139 <220> FEATURE:
140 <221> NAME/KEY: artificial sequence
141 <222> LOCATION: 1-77
142 <223> OTHER INFORMATION: Sequence source: VEGF 49 aptamer
143 <400> SEQUENCE: 14
144 gggagctcag aataaacgct caagacccat cgtcaacggt tgagtctgtc 50

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RAW SEQUENCE LISTING
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Input Set: I449204A.RAW

145 ccgttcgaca tgaggcccgg atccggc 77
146 <210> SEQ ID NO 15
147 <211> LENGTH: 77
148 <212> TYPE: DNA
149 <213> ORGANISM: artificial sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Sequence source: VEGF 126 aptamer
152 <400> SEQUENCE: 15
153 gggagctcag aataaacgct caaacggttc tgtgtgtgga ctagccgcgg 50
154 ccgttcgaca tgaggcccgg atccggc 77
155 <210> SEQ ID NO 16
156 <211> LENGTH: 48
157 <212> TYPE: DNA
158 <213> ORGANISM: artificial sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Sequence source: synthetic primer
161 <400> SEQUENCE: 16
162 ccgaagctta atacgactca ctataggag ctcagaataa acgctcaa 48
163 <210> SEQ ID NO 17
164 <211> LENGTH: 24
165 <212> TYPE: DNA
166 <213> ORGANISM: artificial sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Sequence source: synthetic primer
169 <400> SEQUENCE: 17
170 gccggatccg ggcctcatgt cgaa 24
171 <210> SEQ ID NO 18
172 <211> LENGTH: 18
173 <212> TYPE: DNA
174 <213> ORGANISM: artificial sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Sequence source: synthetic primer
177 <400> SEQUENCE: 18
178 ataaacgctc aagaccca 18
179 <210> SEQ ID NO 19
180 <211> LENGTH: 14
181 <212> TYPE: DNA
182 <213> ORGANISM: artificial sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Sequence source: synthetic primer
185 <400> SEQUENCE: 19
186 ccgggcctca tgtc 14
187 <210> SEQ ID NO 20
188 <211> LENGTH: 22
189 <212> TYPE: DNA
190 <213> ORGANISM: artificial sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Sequence source: synthetic probe
193 <400> SEQUENCE: 20
cgtcaacggt tgagtctgtc cc 22

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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RAW SEQUENCE LISTING
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Input Set: I449204A.RAW

195 <210> SEQ ID NO 21
196 <211> LENGTH: 18
197 <212> TYPE: DNA
198 <213> ORGANISM: artificial sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Sequence source: synthetic primer
201 <400> SEQUENCE: 21
202 agaataaacg ctcaaacg 18
203 <210> SEQ ID NO 22
204 <211> LENGTH: 15
205 <212> TYPE: DNA
206 <213> ORGANISM: artificial sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Sequence source: synthetic primer
209 <400> SEQUENCE: 22
210 gcctcatgtc gaacg 15
211 <210> SEQ ID NO 23
212 <211> LENGTH: 18
213 <212> TYPE: DNA
214 <213> ORGANISM: artificial sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Sequence source: synthetic probe
217 <400> SEQUENCE: 23
218 ccgcggtag tccacaca 18
219 <210> SEQ ID NO 24
220 <211> LENGTH: 23
221 <212> TYPE: DNA
222 <213> ORGANISM: artificial sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Sequence source: synthetic primer
225 <400> SEQUENCE: 24
226 cccagtcacg acgttgtaaa acg 23
227 <210> SEQ ID NO 25
228 <211> LENGTH: 23
229 <212> TYPE: DNA
230 <213> ORGANISM: artificial sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Sequence source: synthetic primer
233 <400> SEQUENCE: 25
234 agcggataac aatttcacac agg 23
235 <210> SEQ ID NO 26
236 <211> LENGTH: 76
237 <212> TYPE: DNA
238 <213> ORGANISM: artificial sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Sequence source: synthetic library
241 <220> FEATURE:
242 <221> NAME/KEY: unsure
243 <222> LOCATION: 23-52
244 <223> OTHER INFORMATION: unknown base

Please Note:

Please ensure that all subsequent artificial/unknown sequences have a suitable explanation in the <220> - <223> section.

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VERIFICATION SUMMARY
PATENT APPLICATION US/09/449,204A

DATE: 03/14/2000
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| Line | Error/Warning | Original Text |
|------|---------------------------------------|---------------------------------------------|
| 79 | W "N" or "Xaa" used: Feature required | gggaauggau ccacaucuac gaauuccgcg cgcgcuaa |
| 246 | W "N" or "Xaa" used: Feature required | gggaatggat ccacatctac gannnnnnnnn nnnnnnnnn |
| 247 | W "N" or "Xaa" used: Feature required | nnttcactgc agacttgacg aagctt 76 |